

# Project Tracking Tool

By

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# Abstract:

The project entitled “PROJECT TRACKING TOOL” deals with the various levels of project development and will account for time used in analysis, design programming, testing and verification etc.

It is a known fact that the software solution institutes engage in many projects at the same time, and it is mandatory to monitor and manage ongoing tasks to meet deadlines for a smooth operation of business and a timely delivery of promised assignments with its clients to maintain its reputation and to have future business.

During the lifetime of a project, the organization has to commemorate all the activities of the project. This tool makes it easier for the organization to monitor the projects. It maintains records and tracks various parameters that influence software project development process and helps the management to take decisions at various stages of the project development.

The product will assist the organization in maintaining record of every project it undertakes. All the information relevant to the projects like size, time, effort and departments involved, etc. is maintained by this tool.

# Introduction

It is a known fact that the software solution institutes engage in many projects at the same time, and it is mandatory to monitor and manage ongoing tasks to meet deadlines for a smooth operation of business and a timely delivery of promised assignments with its clients to maintain its reputation and to have future business.

A structured tracking method enhances the smooth relationship between the organization and its clients; managers and the workers. A structured tracking tool on the project can be used internally to assess the efficiency of the developer by the manager and the client can use the same from his location to track the completion level of the project, without visiting the operational arena.

An organization should have a complete record and monitor every occurrence of any given task or achievement in the life time of a project. A project tracking tool makes this mission trouble-free. This enables a data sheet of the phases in a project, and become handy managing the project along with the schedule and achievements, making the monitoring and decision making smooth.

The project tracking tool is a handy instrument, which enables an efficient delivery on completion. With the tool an undertaken project can be delivered without any delays or errors and if there are any, such will be raised before delivery and can be re-evaluated and settled with minimum efforts. Additionally both managers of the project and the clients can get updated of the current progress of the project eliminating communication disputes in a contract.

# Software/ Hardware Requirements

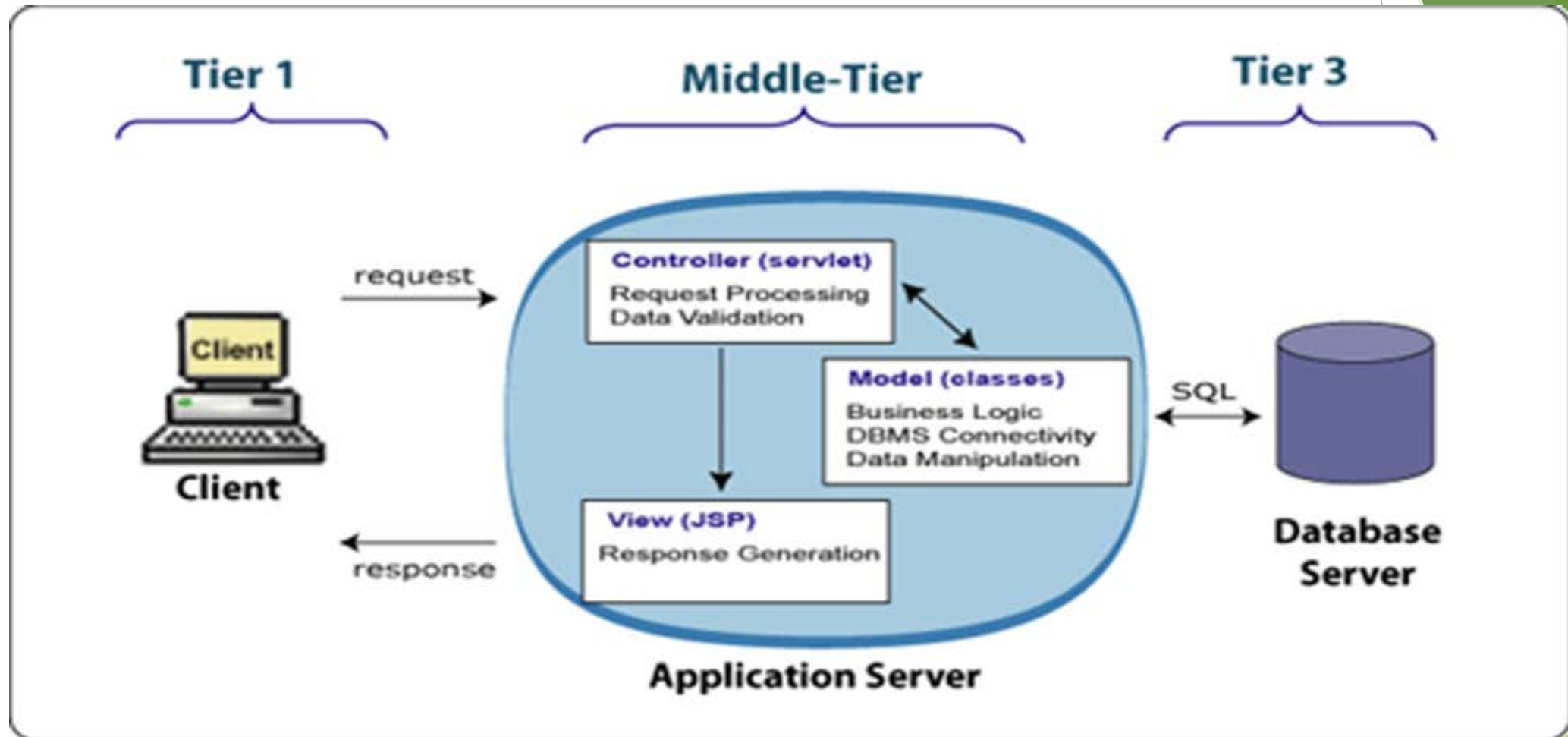
## SOFTWARE REQUIREMENTS

Operating System	:	Windows 8.1, 10 or Linux.
User Interface	:	HTML, CSS.
Client-side Scripting	:	JAVASCRIPT.
Programming Language	:	JAVA.
Web Applications	:	JDBS, Servlets, JSP.
IDE/Workbench	:	My Eclipse 8.6.
Database	:	Oracle 10g.
Server Deployment	:	Tomcat 6.x.

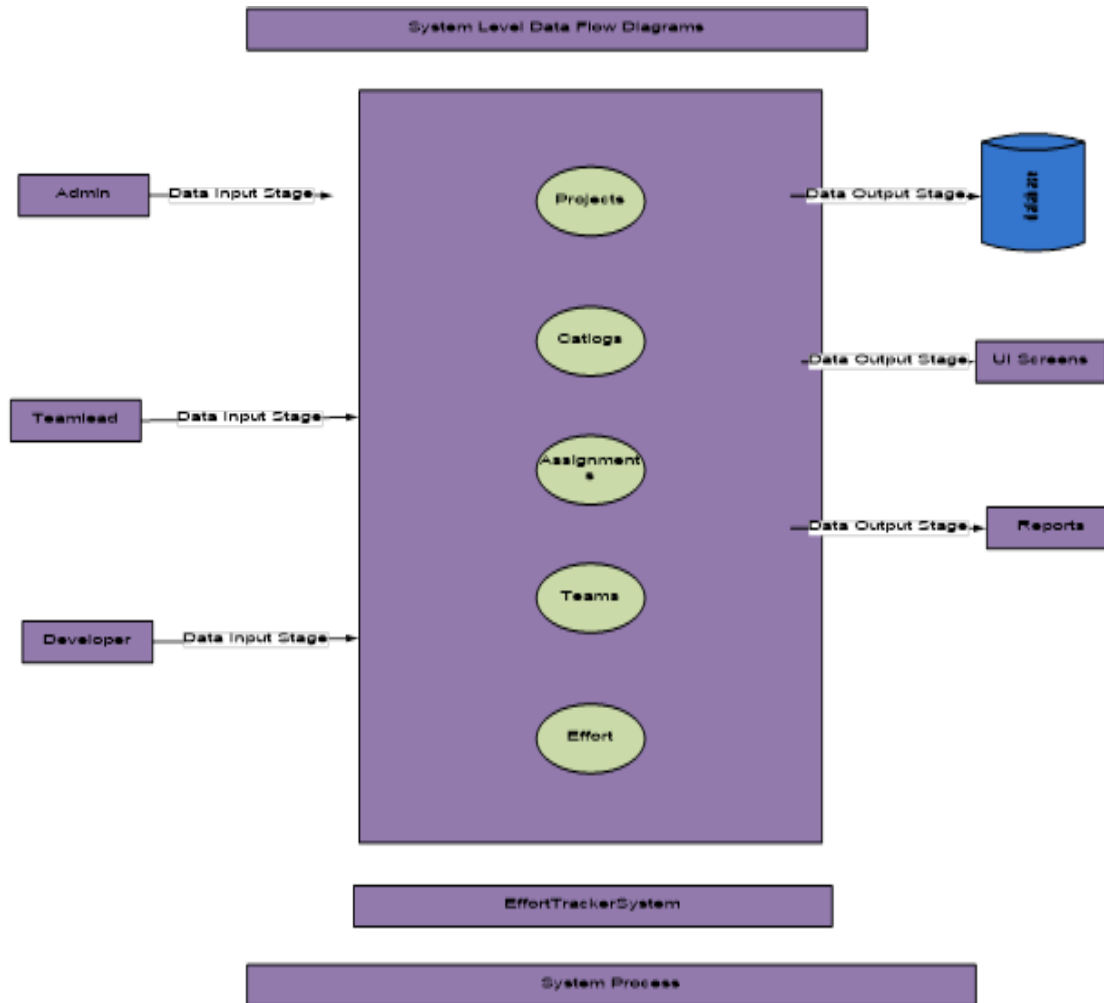
## HARDWARE REQUIREMENTS

System	:	Intel Core i5 or Higher.
RAM	:	2 GB or more.
Hard Drive	:	128 GB or more
Monitor	:	18' LCD or 15.6' Laptop
Mouse	:	Any High end with wheel
Keyboard	:	Standard 110 keys or Laptop Keyboard.

# Architecture



# Application Data Model

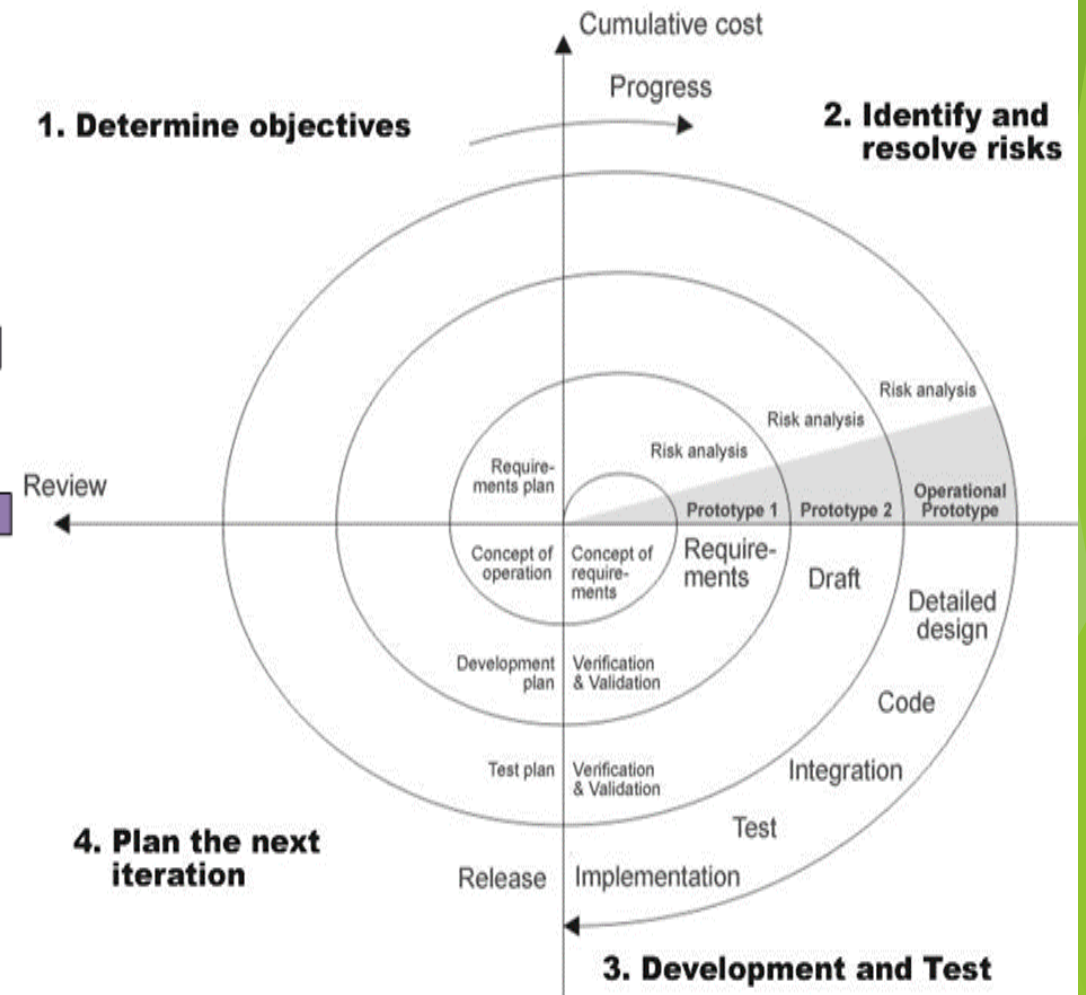


1. Determine objectives

2. Identify and resolve risks

4. Plan the next iteration

3. Development and Test

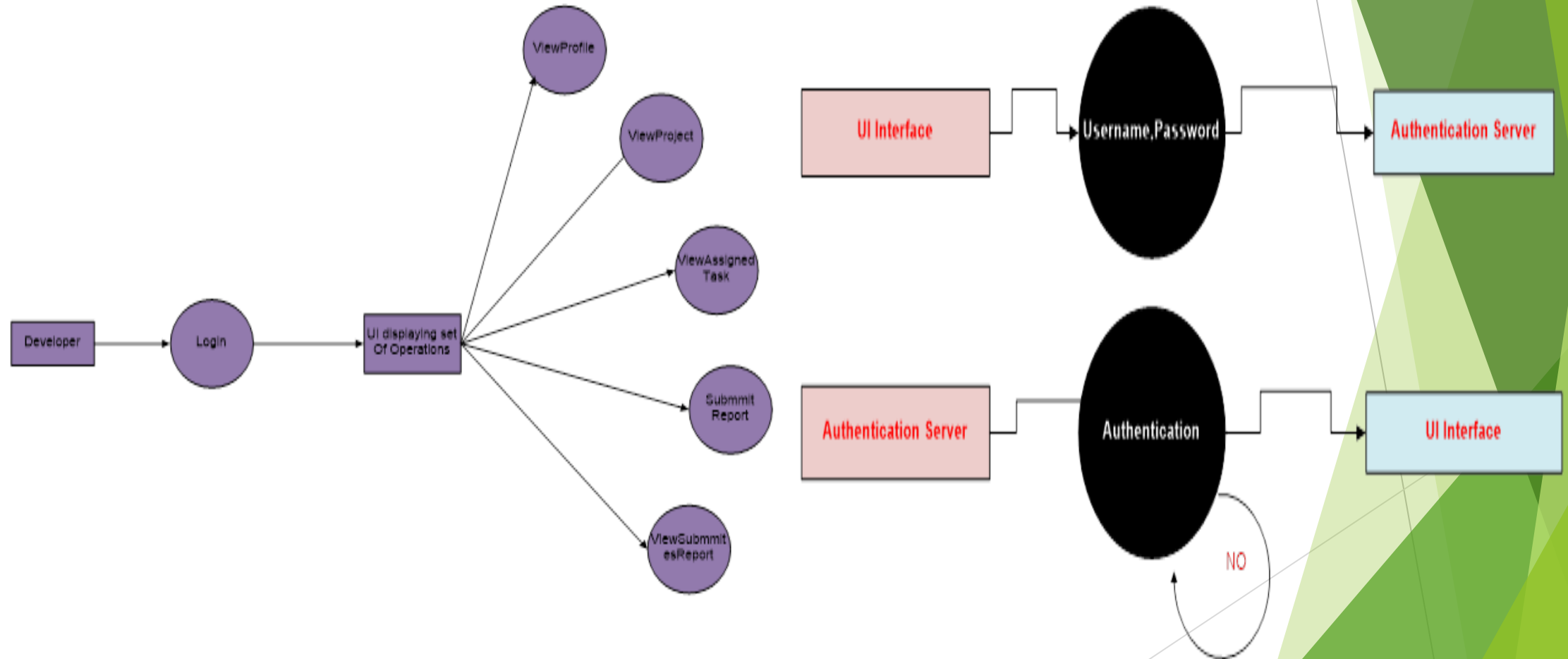


# Application flow of Admin & TeamLead





# Flow of Developer & Authentication



# Modules

## **Authentication and Security Module**

The Login user details should be verified with the details in the user tables and if it is correct user, then they can access service. Once entered, based on the user type access to the different modules to be enabled / disabled and individual user can change their default password or old password.

## **Admin Module**

This module consists of the following sub modules:

***Registration Module:*** Here admin register new employees, managers and store their details in database. He also register new projects and store their details in database.

***Users Management Module:*** Here admin manages different type of users. He can view/update their details, can delete them if requirement comes. He also manages teams of developers here and their assignment to team leads.

***Project (Task) Management Module:*** Here admin can add a new project and can add, view, modify and delete them according to requirement. Here admin also can assign this projects to team leads.

## **Project Manager Module**

This module has following sub modules:

***Project-Module Management Module:*** Here team leads create sub modules of an assigned project. And manages this according to requirement.

## **Employee Module**

Here Employee view the subtask assigned by the team lead and set the status means how much effort spent to the assigned the task. He can also able to send the queries to team lead or manager and view the reply.

## **Client Module**

The Details of the project added by the client i.e. project name, allocate the project to the corresponding project manager

## **Query and Feedback Module**

Using this module the system maintains a query and feedback sub system in between users. A user can make a query to his superiors regarding any matter and a user can reply the queries made to him.

## **Reports Module**

In this Module the User and Administrator can generate the different types of Reports according to their access.

# Screens

Object Browser x My JSP 'statusmsg.jsp' sta x Abdul - x

localhost:8081/ETS/

# Project Tracking Tool

Home Friday, April 29, 2016

## Project Tracing Tool

Login Here .....

UserID

Password

[Forgot Password ! !.....](#)

Activate Windows  
Go to PC settings to activate Windows.

# Project Tracking Tool

[Home](#) [Profile](#) [ProjectsInfo](#) [AddEmployees](#) [ViewReports](#) [Queries](#) [Logout](#)

Friday, April 29, 2016

## Project Tracking Tool

Image



### Personal Details

FirstName	admin
LastName	admin
Dob	10-JAN-80
Email	admin@gmail.com
Fax	1234

### Address Details

Address Type	HouseNo	Street	City	State	Country	PhoneNo
Home	34	ssdsdsd	hyderabad	ap	india	4564564566

Activate Windows  
Go to PC settings to activate Windows.

## Project Tracking Tool

### Delete Project Details

	ProjName	ProjCode	ProjDuration
<input type="checkbox"/>	CCTBMS	505	10
<input type="checkbox"/>	venkatprj	V-100	15
<input type="checkbox"/>	Csr	cs-100	50
<input type="checkbox"/>	BprojectPolicy	B-009	2-3years
<input type="checkbox"/>	csri	csrii	54
<input type="checkbox"/>	ApolicyManagement	Apm-001	2years
<input type="checkbox"/>	LifeInsuranceProject	L-001	1year
<input type="checkbox"/>	test-001	test	4months
<input type="checkbox"/>	Gun	808	5
<input type="checkbox"/>	p	777	7
<input type="checkbox"/>	System	404	5
<input type="checkbox"/>	p4	p400	25
<input type="checkbox"/>	lm	lm200	20
<input type="checkbox"/>	pen	pen	5
<input type="checkbox"/>	TTTT	9999	6months
<input type="checkbox"/>	jj	577	52

Delete

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*View All Employee Details*

Designation	FirstName	LastName	Dob	Email	Fax	EmpPicture
developer	ram	ram	11-MAR-15	ram@gmail.com	12345	
client	client	dd	24-JAN-80	hyy@gmail.com	14452	
teamlead	s	s	24-JAN-80	hhhh@gmail.com	14522	
developer	frt	fr	17-JAN-80	frt@gmail.com	1444	
teamlead	Sree	Vardhan	25-NOV-10	sree@tl.gmail.com	5232	
teamlead	kiran	kumar	17-JAN-80	kiran@gmail.com	7372	
teamlead	asdf	asdf	31-JAN-80	asdf@yahoo.com	222	
developer	prakesh	kumar	23-NOV-10	prakesh@gmail.com	765722	
developer	pardu	saradhi	20-NOV-10	nabi@gmail.com	123654	
developer	john	john	24-JAN-80	john@gmail.com	123	

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# Tool

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Friday, April 29, 2016

## Project Tracking Tool

### *View All Project Details*

ProjName	ProjCode	ProjDuration
CCTBMS	505	10
venkatprj	V-100	15
Csr	cs-100	50
BprojectPolicy	B-009	2-3years
csri	csrii	54
ApolicyManagement	Apm-001	2years
LifeInsuranceProject	L-001	1year
test-001	test	4months
Gun	808	5
p	777	7
System	404	5
p4	p400	25
lm	lm200	20
pen	pen	5
TTTT	9999	6months
jj	577	52

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# Project Tracking Tool



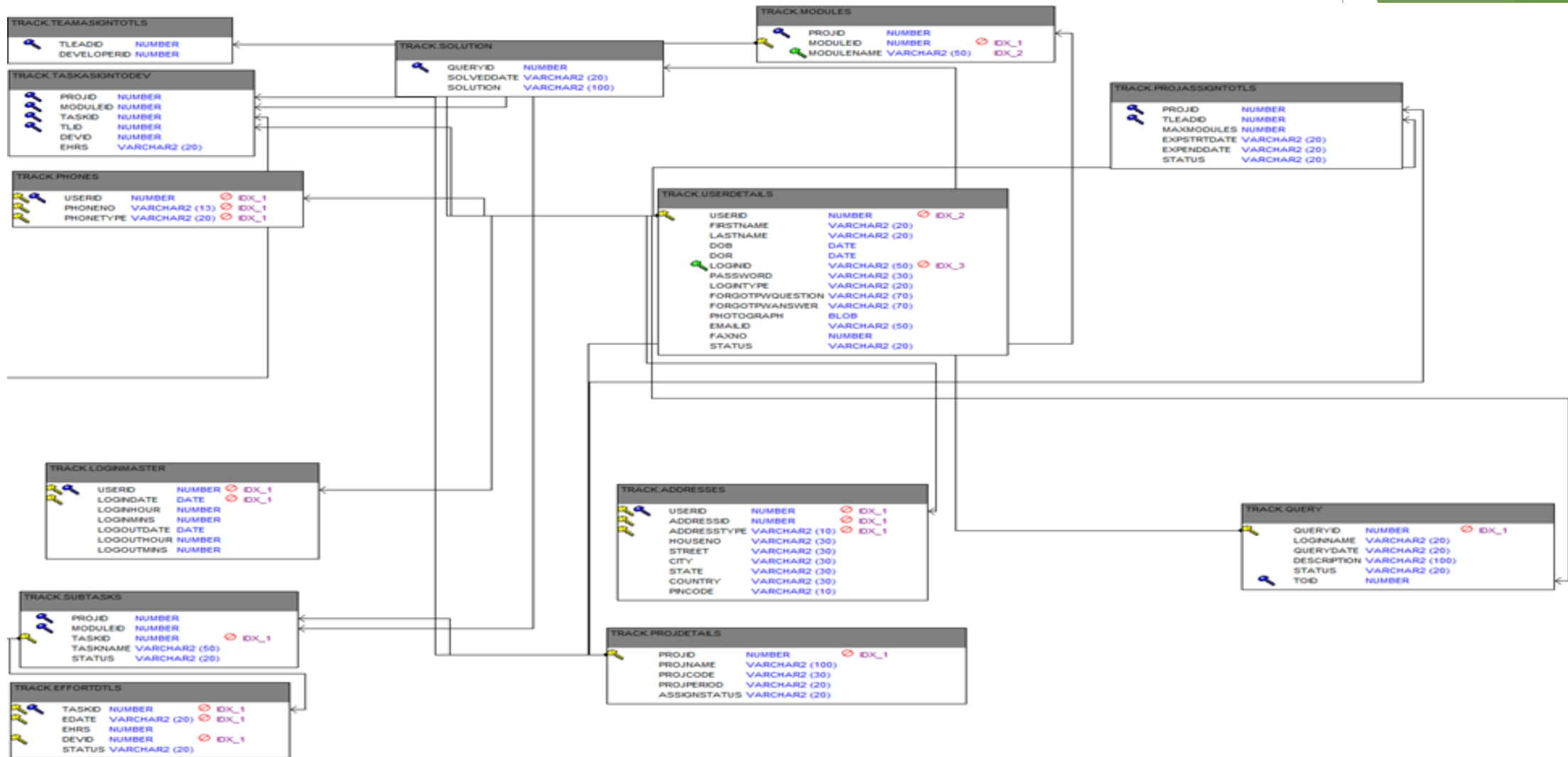
Home Profile ViewAssignedProj ViewTeam Module's SubTask's AssignTask Reports Queries Logout Friday, April 29

## Project Tracking Tool

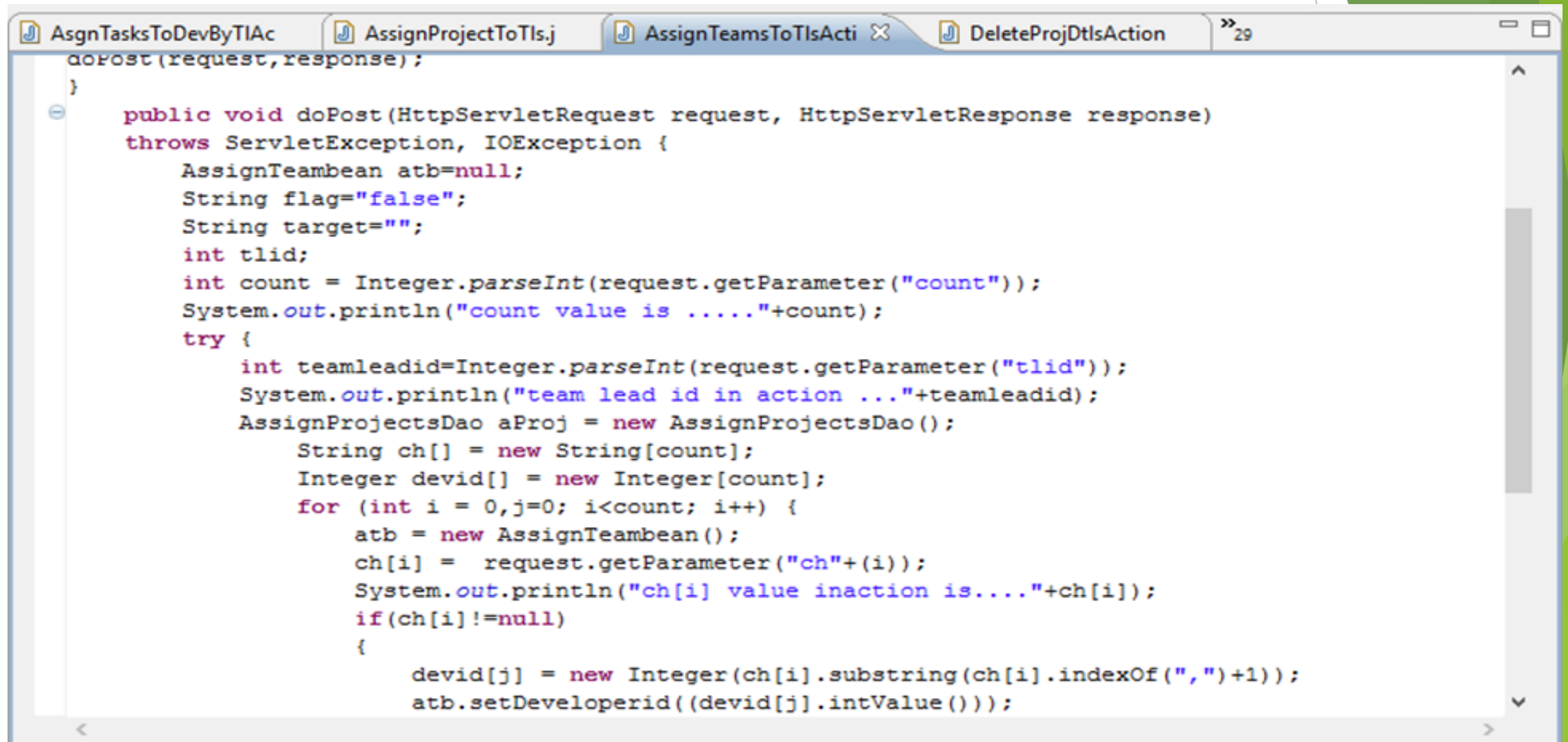
### View Assigned Project Details

	ProjectName	ProjCode	Max no of Modules	ExpectedStart Date	ExpectedEnd Date
SreeVardhan	LifeInsuranceProject	L-001	8	25-11-2010	24-11-2011
SreeVardhan	LifeInsuranceProject	L-001	8	25-11-2010	24-11-2011

# DataBase Model



# Sample Code

A screenshot of an IDE window with four tabs: 'AsgnTasksToDevByTIAc', 'AssignProjectToTls.j', 'AssignTeamsToTlsActi' (selected), and 'DeleteProjDtlsAction'. The selected tab displays Java code for the 'doPost' method of 'AssignTeamsToTlsAction'. The code includes parameter parsing for 'count' and 'tldid', initialization of an 'AssignTeambean' (atb), and a loop to process a list of team leads and their associated developers. The code is color-coded with syntax highlighting.

```
doPost(request, response);
}

public void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    AssignTeambean atb=null;
    String flag="false";
    String target="";
    int tldid;
    int count = Integer.parseInt(request.getParameter("count"));
    System.out.println("count value is ....."+count);
    try {
        int teamleadid=Integer.parseInt(request.getParameter("tldid"));
        System.out.println("team lead id in action ..."+teamleadid);
        AssignProjectsDao aProj = new AssignProjectsDao();
        String ch[] = new String[count];
        Integer devid[] = new Integer[count];
        for (int i = 0,j=0; i<count; i++) {
            atb = new AssignTeambean();
            ch[i] = request.getParameter("ch"+(i));
            System.out.println("ch[i] value inaction is...."+ch[i]);
            if(ch[i]!=null)
            {
                devid[j] = new Integer(ch[i].substring(ch[i].indexOf(",")+1));
                atb.setDeveloperid((devid[j].intValue()));
            }
        }
    }
}
```

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, ranging from light lime to dark forest green. These shapes are concentrated on the right side of the image, with some extending towards the left. The overall effect is a modern, layered, and organic-looking design.

Thank You